

**HENDRY and GLOVER, IRON-FOUNDERS,** beg to inform their customers that they have removed their Foundry (from Smart's buildings) to **CHARLES-STREET and 108, DRETT-LANE,** where they have adopted every improvement to enable them to compete successfully in quality, price, and punctuality. They have also an extensive and well-arranged stock of patterns for every description of Castings.

#### IRON BRIDGES AND PIERS.

**THE Economy and Safety of DREDGE'S PATENT PRINCIPLE** are explained in the "Mechanic's Magazine" No. 1172, and practically proved in Fifteen Public Bridges in Great Britain alone, four of which are Country Bridges for Common Road Traffic, varying from 50 to 200 feet in length. The continual destruction of Bridges and Viaducts is owing to an error of principle in their construction which is this. The line of equal horizontal thrust or pressure, both in suspension and compression bridges, should be sustained by the roadway, and not by the arch, as it is contrary to the law of nature; and hence the cost, the instability and oscillations, and destruction of bridges are enormous.

Both, Feb. 1846.

#### CAEN STONE.

**LUARD and BEEDHAM** have a quantity of the above stone, of the best quality, direct from their Quarries at Allouagne, which may be inspected at the Mersey and Seaside Wharf, Greenwich—Further particulars at Mr. G. GATES', 14, SOUTHWARK-SQUARE, SOUTHWARK.

**FIMLICO MARBLE AND STONE WORKS, BELGRAVE WHARF, FIMLICO ROAD.**

**SAMUEL CUNDY** begs to inform Architects, &c., that every description of Stone, Marble, and Granite work is executed at the cheapest possible rate. Estimates given for Mason's Work in all its branches. Gothic Work, Tombs, Monuments, &c.

**MARBLE WORK** for Halls, Dairies, Tables, Columns, Vases, at most reasonable prices.

A large collection of Designs for Marble and other Monuments.

**CHIMNEY PIECES** from Twelve Shillings upwards. Depot for CAEN STONE, &c.

#### PREPARED FLOORING BOARDS.

**ALWAYS ON SALE, a LARGE ASSORTMENT OF DRY PREPARED FLOORING BOARDS and MATCHED BOARDING** of all sorts, planed to a parallel width and thickness, from 1 inch to 1 1/2 inch thick. Rough Boarding for Plots. **TIMBER, DEALS, OAK PLANKS, SCANTLINGS, SASH BILLS, &c.**

Apply at **W. CLEAVE'S** Timber Yard, Smith-street, Westminster.

#### PREPARED FLOORING BOARDS.

**ALWAYS ON SALE at A. ROSLING'S, SOUTHWARK-BRIDGE-WHARF, BANKSIDE, and Old-Barge-Wharf, Upper Ground-street, Blackfriars,** a very large stock of well-seasoned Floor Boards of every variety.

A. R., in calling the attention of builders and consumers, confidently promises on his being able to supply them on such advantageous terms, as will ensure and merit their favour and approbation.

## THE SOCIETY

FOR THE ENCOURAGEMENT OF

## ARTS, MANUFACTURES, AND COMMERCE.

President,

**HIS ROYAL HIGHNESS PRINCE ALBERT, D.C.L. F.R.S. &c.**

### LIST OF SPECIAL PREMIUMS: Session 92nd, 1846.

Under the New Rules and Regulations, which have been adopted by the Society during the present Session, for the renovation of the working constitution of the Society and the more efficient promotion of its objects, the Council have recommended, and the Society has adopted, the following List of Premiums, approved by the Special Committees of the different Sections of the Society, and they are now offered for public competition:—

#### In the SECTIONS of AGRICULTURE and CHEMISTRY.

##### A PRIZE OF ONE HUNDRED GUINEAS.

For the invention of a method of materials for a wholesome, nutritious, and palatable Bread, to be sold at a low price and used as an economical substitute for wheaten bread, biscuit, or potatoes. The materials suggested are maize, rye, wheat, maize, barley, beans, peas, oats, rice, beet-root, parsnips, &c. To begin in on or before the 1st of April, 1846.

#### In the SECTION of FINE ARTS.

- A PRIZE OF TEN GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For the Model of an Earthenware Jug, in one colour, to contain a Quart, with a Cover.
- A PRIZE OF FIVE GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For the Model of an Earthenware Mug, in one colour, to contain a Pint, without a Cover.
- A PRIZE OF TEN GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For the Design or Model of the Cover of a Bible, 8 1/2 inches by 11, to be executed in relief, in raised leather or in wood, either by the new process of burning or by the carving machine.
- A PRIZE OF FIFTEEN GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For a Water-Colour Drawing by ladies by 12 inches, of a Holy Family, suitable for engraving in wood, and specially prepared for printing in colours by wind blocks, the object being to produce, at a cheap rate, a good picture, which may find its way into humble dwellings.
- A PRIZE OF FIVE GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For a small Geometrical Pattern for a cheap Kidderminster Carpet and Stamped Draggot.
- A PRIZE OF FIVE GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For the cheapest and most beautiful pattern of Mosaic or Tile Flooring, one yard square.
- A PRIZE OF FIVE GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For a Design of the most convenient, elegant, and cheap Washing-stand, Basin, and Ewer.
- A PRIZE OF TEN GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For the Model of a Tea Tray of a small size.
- A PRIZE OF TEN GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For Models of a plain and cheap Earthenware Tea Service, in one colour, consisting of Teapot, Basin, Milk-jug, Cup and Saucer, and Plate.

#### In the SECTION of MECHANICS and MECHANICAL ARTS.

- A PRIZE OF TEN GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For a simple and good method of applying Steam Power, directly, to propelling Vessels by the Screw.
- A PRIZE OF FIVE GUINEAS, WITH THE SOCIETY'S MEDAL.**  
For an improved Motor, applicable to measuring the quantity or volume of liquids passing through pipes under pressure on both sides.

The object to be attained by these Prizes is generally sufficiently obvious, the encouragement of ingenuity and talent by publicity and distinction, the direction of invention to the most useful purposes, and the wider diffusion of taste and knowledge in objects of Arts and improved Manufactures is the object generally of the exertions of the Society.

The Prize for the mixture of ingredients for a wholesome and nutritious bread is the suggestion of a benevolent individual, who has contributed largely to the Prize Fund of the Society. It is particularly applicable to the present wants of the people, when the coarser kinds of grain and other food are required to be used for the supply of deficiencies in the usual crops; and it is believed that an article much more nutritious than potatoes, and equally palatable, may be obtained by a mixture of wholesome but cheap materials at a price less than half that of ordinary bread.

The Prizes in the Fine Arts are intended to promote the diffusion of a love for the symmetrical and the beautiful, by supplying in cheap materials, of elegant forms, objects suited to the familiar use of every-day life. It is required, therefore, of competitors, that the forms chosen be distinguished by simplicity in their beauty, and by facility of execution in cheap materials, so as to be sold at low prices for general use. The Designs rewarded to become the property of the Society. The names of the contributors should be enclosed in a sealed envelope, with a motto or device on the outside. The objects of the remaining Prizes require no explanation.

#### NOTICE.

Candidates are requested to observe, that if the means by which any of the proposed objects are effected should be found to occasion an increase of expenditure or labour unwanted to general purposes, the Society will not consider themselves bound to give the offered reward. They expressly reserve the power, in all cases, of giving such part only of any premium as the performance shall be adjudged to deserve, or of withholding the whole. The candidates, however, are assured that the Society will judge liberally of their claims.

All Communications, Drawings, and Models designed for competition must be delivered to the Secretary of the Society of Arts, at the Society's Rooms, John Street, Adelphi, postage and carriage free, on or before the 15th of May, 1846.

#### EXTRAORDINARY CONTRIBUTIONS.

The following Extraordinary Contributions have been generously offered to the Council for the promotion of the objects of the Society under the New Rules and Regulations, for furthering the increased usefulness of the Society, for assisting the lists of Premiums, for assisting to obtain a Charter, and for the other objects named in the Address of the Council, recently communicated among the Members.

##### TO THE SPECIAL PRIZE FUND.

A. B. . . . . £100 0 0  
C. D. . . . . 50 0 0

##### GENERAL DONATIONS.

Thomas Lever . . . . . £25 0 0  
John Poy . . . . . 10 10 0

##### LOAN FUNDS OF £1000.

T. H. Jones . . . . . £50 0 0  
J. Y. Cooke . . . . . 25 0 0  
F. H. Shaw . . . . . 25 0 0

E. H. Jones . . . . . 50 0 0  
J. A. Russell . . . . . 50 0 0  
G. T. Kemp . . . . . 50 0 0  
Mr I. L. Goldsmith, Bart. . . . . 50 0 0  
R. H. Jones . . . . . 50 0 0  
A. A. Gold . . . . . 50 0 0

##### INCREASED SUBSCRIPTIONS.

C. H. Jones . . . . . £5 0 0  
G. H. Jones . . . . . 5 0 0  
K. H. Jones . . . . . 5 0 0  
L. H. Jones . . . . . 5 0 0  
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The Supplementary List will be published at an early date.

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£20 10 0